

# Washington State Institute for Public Policy

## Benefit-Cost Results

The WSIPP benefit-cost analysis examines, on an apples-to-apples basis, the monetary value of programs or policies to determine whether the benefits from the program exceed its costs. WSIPP's research approach to identifying evidence-based programs and policies has three main steps. First, we determine "what works" (and what does not work) to improve outcomes using a statistical technique called meta-analysis. Second, we calculate whether the benefits of a program exceed its costs. Third, we estimate the risk of investing in a program by testing the sensitivity of our results. For more detail on our methods, see our [Technical Documentation](#).

Current estimates replace old estimates. Numbers will change over time as a result of model inputs and monetization methods.

### Juvenile Justice

Program name	Date of last literature review	Total benefits	Taxpayer benefits	Non-taxpayer benefits	Costs	Benefits minus costs (net present value)	Benefit to cost ratio	Chance benefits will exceed costs
Family-based therapy (Parenting with Love and Limits model)	Jun. 2016	\$34,691	\$9,252	\$25,438	(\$1,688)	\$33,004	\$20.56	98 %
Functional Family Therapy (youth in state institutions)	Dec. 2014	\$32,150	\$7,833	\$24,317	(\$3,427)	\$28,723	\$9.38	99 %
Education and Employment Training (EET, King County)	Dec. 2015	\$26,708	\$7,279	\$19,429	(\$855)	\$25,853	\$31.24	100 %
Functional Family Therapy (youth on probation)	Dec. 2014	\$22,316	\$6,451	\$15,864	(\$3,427)	\$18,889	\$6.51	99 %
Mentoring	Jun. 2014	\$21,283	\$5,936	\$15,347	(\$3,260)	\$18,022	\$6.53	87 %
Aggression Replacement Training (youth in state institutions)	Dec. 2014	\$17,190	\$4,017	\$13,173	(\$1,584)	\$15,606	\$10.85	92 %
Group homes (Teaching-Family Model)	Jun. 2015	\$37,510	\$10,447	\$27,062	(\$22,101)	\$15,409	\$1.70	65 %
Wilderness experience programs	Sep. 2015	\$19,442	\$6,035	\$13,407	(\$6,388)	\$13,054	\$3.04	100 %
Cognitive Behavioral Therapy (CBT)	Dec. 2014	\$11,146	\$3,023	\$8,122	(\$390)	\$10,756	\$28.56	94 %
Aggression Replacement Training (youth on probation)	Dec. 2014	\$12,327	\$3,435	\$8,892	(\$1,585)	\$10,742	\$7.78	91 %
Other family-based therapies (non-name brand)	Sep. 2015	\$11,043	\$3,062	\$7,981	(\$1,795)	\$9,248	\$6.15	95 %
Adolescent Diversion Project	Jul. 2015	\$8,122	\$2,127	\$5,995	\$954	\$9,076	n/a	97 %
Family Integrated Transitions (youth in state institutions)	Dec. 2014	\$20,424	\$5,882	\$14,542	(\$11,809)	\$8,616	\$1.73	67 %
Diversion, no services (vs. traditional juvenile court processing)	Jul. 2015	\$6,856	\$1,762	\$5,094	\$1,068	\$7,924	n/a	98 %
Functional Family Parole (with quality assurance)	Jan. 2013	\$11,711	\$3,199	\$8,512	(\$4,567)	\$7,144	\$2.56	72 %
Therapeutic communities for substance abusers	Dec. 2012	\$11,711	\$3,154	\$8,557	(\$4,664)	\$7,047	\$2.51	76 %
Coordination of Services	Sep. 2015	\$6,300	\$1,737	\$4,563	(\$414)	\$5,886	\$15.20	95 %
Multidimensional Treatment Foster Care	Jun. 2014	\$14,097	\$4,168	\$9,929	(\$8,282)	\$5,815	\$1.70	61 %
Multisystemic Therapy	Apr. 2012	\$13,477	\$3,872	\$9,605	(\$7,731)	\$5,746	\$1.74	75 %
Multisystemic Therapy for substance abusers	Sep. 2013	\$12,659	\$3,954	\$8,705	(\$7,739)	\$4,920	\$1.64	54 %
Diversion with services (vs. traditional juvenile court processing)	Jul. 2015	\$3,501	\$912	\$2,589	\$566	\$4,068	n/a	98 %
Vocational and employment training	Sep. 2015	\$10,424	\$5,322	\$5,101	(\$7,525)	\$2,899	\$1.39	55 %
Intensive supervision (parole)	Sep. 2015	\$4,954	\$1,376	\$3,577	(\$2,129)	\$2,824	\$2.33	65 %
Victim offender mediation	Apr. 2012	\$2,830	\$848	\$1,982	(\$608)	\$2,222	\$4.65	78 %
Drug court	Jul. 2014	\$4,941	\$1,696	\$3,244	(\$3,226)	\$1,715	\$1.53	57 %
Diversion with services (vs. simple release)	Jul. 2015	(\$320)	\$31	(\$350)	(\$855)	(\$1,175)	(\$0.37)	40 %
Other chemical dependency treatment for juveniles (non-therapeutic communities)	Dec. 2012	(\$986)	\$170	(\$1,156)	(\$3,255)	(\$4,241)	(\$0.30)	19 %
Scared Straight	May. 2015	(\$8,697)	(\$2,333)	(\$6,364)	(\$105)	(\$8,802)	(\$82.77)	4 %
Intensive supervision (probation)	Sep. 2015	(\$5,883)	(\$954)	(\$4,929)	(\$4,358)	(\$10,240)	(\$1.35)	0 %

## Other Juvenile Justice topics reviewed:

Program name	Date of last literature review	Notes
Dialectical Behavior Therapy	Aug. 2015	<a href="#">Click for meta-analytic results</a>
Group homes (non-name brand programs)	Jun. 2015	<a href="#">Click for meta-analytic results</a>
Multisystemic Therapy for sex offenders	Jun. 2014	<a href="#">Click for meta-analytic results</a>
Sex offender treatment (non-MST)	Jun. 2013	<a href="#">Click for meta-analytic results</a>
Connections Wraparound	Jan. 2013	No rigorous evaluation measuring outcome of interest.
Dialectical Behavior Therapy for substance abuse: Integrated Treatment model	May. 2015	No rigorous evaluation measuring outcome of interest.
Electronic monitoring	Sep. 2015	No rigorous evaluation measuring outcome of interest.
Group homes (Boys Town)	Sep. 2015	No rigorous evaluation measuring outcome of interest.
Group homes (Sanctuary Model)	Jun. 2015	No rigorous evaluation measuring outcome of interest.
Group homes (Stop-Gap model)	Jun. 2015	No rigorous evaluation measuring outcome of interest.
Juvenile Detention Alternatives Initiative	Jan. 2014	No rigorous evaluation measuring outcome of interest.
Step Up	May. 2015	No rigorous evaluation measuring outcome of interest.
You Are Not Your Past	Jan. 2013	No rigorous evaluation measuring outcome of interest.
Juvenile boot camps	Oct. 2006	<a href="#">See previous WSIPP publication for past findings.</a>
Team Child	Oct. 2006	<a href="#">See previous WSIPP publication for past findings.</a>
Teen Courts	Oct. 2006	<a href="#">See previous WSIPP publication for past findings.</a>

## Adult Criminal Justice

Program name	Date of last literature review	Total benefits	Taxpayer benefits	Non-taxpayer benefits	Costs	Benefits minus costs (net present value)	Benefit to cost ratio	Chance benefits will exceed costs
Employment & job training assistance during incarceration	Sep. 2015	\$34,860	\$10,092	\$24,768	(\$465)	\$34,396	\$75.04	99 %
Electronic monitoring (probation)	Dec. 2014	\$25,739	\$7,160	\$18,579	\$1,124	\$26,863	n/a	94 %
Therapeutic communities for offenders with co-occurring disorders	Nov. 2014	\$25,848	\$7,975	\$17,872	(\$3,738)	\$22,109	\$6.91	99 %
Correctional education (basic or post-secondary) in prison	Oct. 2015	\$21,788	\$6,449	\$15,339	(\$1,187)	\$20,601	\$18.36	100 %
Offender Re-entry Community Safety Program (dangerously mentally ill offenders)	Apr. 2012	\$55,488	\$22,404	\$33,083	(\$36,283)	\$19,204	\$1.53	90 %
Day reporting centers	Mar. 2015	\$22,489	\$6,958	\$15,531	(\$3,940)	\$18,549	\$5.71	92 %
Vocational education in prison	Aug. 2015	\$20,064	\$6,017	\$14,048	(\$1,653)	\$18,411	\$12.13	100 %
Drug Offender Sentencing Alternative (for drug offenders)	Apr. 2012	\$19,867	\$5,875	\$13,993	(\$1,610)	\$18,257	\$12.34	98 %
Mental health courts	May. 2014	\$19,080	\$5,941	\$13,140	(\$3,067)	\$16,014	\$6.22	99 %
Electronic monitoring (parole)	Dec. 2014	\$14,342	\$3,963	\$10,379	\$1,125	\$15,467	n/a	100 %
Outpatient/non-intensive drug treatment (incarceration)	Nov. 2014	\$15,060	\$4,475	\$10,585	(\$935)	\$14,125	\$16.10	100 %
Swift and Certain sanctions for offenders on community supervision	Oct. 2015	\$13,356	\$3,699	\$9,658	\$696	\$14,052	n/a	100 %
Inpatient/intensive outpatient drug treatment (incarceration)	Nov. 2014	\$15,445	\$4,682	\$10,763	(\$1,599)	\$13,846	\$9.66	100 %
Sex offender treatment in the community	Dec. 2013	\$14,464	\$3,478	\$10,987	(\$1,664)	\$12,800	\$8.69	93 %
Risk Need & Responsivity supervision (for high and moderate risk offenders)	Dec. 2013	\$17,125	\$5,642	\$11,483	(\$5,005)	\$12,121	\$3.42	100 %
Jail diversion programs for offenders with mental illness (post-arrest programs)	Mar. 2015	\$5,044	(\$3,760)	\$8,803	\$5,618	\$10,661	n/a	61 %
Cognitive Behavioral Therapy (CBT) (for high- and moderate-risk offenders)	Aug. 2014	\$10,483	\$3,079	\$7,405	(\$433)	\$10,050	\$24.19	100 %
Therapeutic communities for chemically dependent offenders (community)	Nov. 2014	\$11,503	\$3,499	\$8,004	(\$1,562)	\$9,941	\$7.37	100 %
Case management: swift & certain/graduated sanctions for substance abusing offenders	Dec. 2012	\$14,263	\$4,762	\$9,501	(\$4,996)	\$9,267	\$2.85	95 %
Drug Offender Sentencing Alternative (for property offenders)	Dec. 2012	\$10,627	\$3,249	\$7,378	(\$1,609)	\$9,018	\$6.60	70 %
Drug courts	Aug. 2014	\$13,015	\$4,098	\$8,917	(\$4,984)	\$8,031	\$2.61	100 %
Employment & job training assistance in the community	May. 2015	\$8,441	\$2,469	\$5,972	(\$464)	\$7,977	\$18.17	99 %
Work release	Aug. 2015	\$6,450	\$1,959	\$4,492	(\$693)	\$5,757	\$9.30	99 %
Correctional industries in prison	Aug. 2015	\$6,437	\$2,071	\$4,366	(\$1,493)	\$4,945	\$4.31	100 %
Therapeutic communities for chemically dependent offenders (incarceration)	Nov. 2014	\$9,892	\$3,590	\$6,303	(\$5,004)	\$4,888	\$1.98	94 %
Outpatient/non-intensive drug treatment (community)	Nov. 2014	\$4,712	\$1,461	\$3,251	(\$854)	\$3,858	\$5.52	91 %
Sex offender treatment during incarceration	Dec. 2013	\$8,813	\$2,602	\$6,212	(\$5,222)	\$3,591	\$1.69	75 %
Intensive supervision (surveillance & treatment)	Apr. 2012	\$11,508	\$4,440	\$7,069	(\$8,231)	\$3,278	\$1.40	73 %
Restorative justice conferencing	Oct. 2015	\$3,767	\$1,224	\$2,543	(\$1,081)	\$2,686	\$3.49	70 %
Inpatient/intensive outpatient drug treatment (community)	Nov. 2014	\$1,233	\$501	\$732	(\$1,045)	\$188	\$1.18	51 %
Case management: not swift and certain for substance abusing offenders	Nov. 2015	\$3,183	\$1,614	\$1,569	(\$5,000)	(\$1,817)	\$0.64	33 %
Intensive supervision (surveillance only)	Apr. 2012	(\$3,316)	(\$326)	(\$2,990)	(\$4,330)	(\$7,646)	(\$0.77)	5 %
Domestic violence perpetrator treatment (Duluth-based model)	Aug. 2014	(\$8,000)	(\$2,074)	(\$5,925)	(\$1,434)	(\$9,433)	(\$5.58)	17 %
Prison								
For lower risk offenders, decrease prison average daily population by 250, by lowering length of stay by 3 months	Oct. 2013	(\$4,140)	(\$790)	(\$3,350)	\$5,814	\$1,673	n/a	71 %
For moderate risk offenders, decrease prison average daily population by 250, by lowering length of stay by 3 months	Oct. 2013	(\$14,510)	(\$2,237)	(\$12,273)	\$5,818	(\$8,693)	n/a	11 %
For high risk offenders, decrease prison average daily population by 250, by lowering length of stay by 3 months	Oct. 2013	(\$40,980)	(\$5,272)	(\$35,708)	\$5,818	(\$35,163)	n/a	1 %
Police (results per-officer)								
Deploy one additional police officer with hot spots strategies	Oct. 2013	\$569,197	\$70,385	\$498,811	(\$95,560)	\$473,637	\$5.96	100 %
Deploy one additional police officer with statewide average practices	Oct. 2013	\$491,414	\$60,352	\$431,062	(\$91,001)	\$400,413	\$5.40	100 %

## Other Adult Criminal Justice topics reviewed:

Program name	Date of last literature review	Notes
Dialectical Behavior Therapy	Sep. 2015	Click for meta-analytic results
Domestic violence perpetrator treatment (Non-Duluth models)	Aug. 2014	Click for meta-analytic results
Driving Under the Influence (DUI) court	Feb. 2014	Click for meta-analytic results
Housing supports for offenders returning to the community	Apr. 2012	Click for meta-analytic results
Ignition interlock devices for alcohol-related offenses	Mar. 2014	Click for meta-analytic results
Parenting programs (during incarceration)	Nov. 2014	No rigorous evaluation measuring outcome of interest.
Veteran's courts	Nov. 2014	No rigorous evaluation measuring outcome of interest.
Adult boot camps	Oct. 2006	See previous WSIPP publication for past findings.
Life skills education programs	Oct. 2006	See previous WSIPP publication for past findings.
Sex offender community notification and registration	Jun. 2009	See previous WSIPP publication for past findings.

## Child Welfare

Program name	Date of last literature review	Total benefits	Taxpayer benefits	Non-taxpayer benefits	Costs	Benefits minus costs (net present value)	Benefit to cost ratio	Chance benefits will exceed costs
Parent Child Interaction Therapy (PCIT) for families in the child welfare system	Apr. 2012	\$21,089	\$7,879	\$13,210	(\$1,623)	\$19,466	\$12.99	94 %
Intensive Family Preservation Services (HOMEBUILDERS®)	Apr. 2012	\$21,284	\$12,847	\$8,437	(\$3,453)	\$17,832	\$6.16	99 %
Subsidized guardianship (Title IV-E waivers)	Apr. 2012	\$5,411	\$1,233	\$4,178	\$3,579	\$8,990	n/a	99 %
Alternative Response	Aug. 2014	\$2,905	\$873	\$2,032	(\$241)	\$2,664	\$12.07	88 %
Flexible funding (Title IV-E waivers)	Apr. 2012	\$1,192	\$385	\$807	\$0	\$1,192	n/a	91 %
SafeCare	Apr. 2012	\$2,757	\$1,383	\$1,374	(\$2,106)	\$651	\$1.31	50 %
Other Family Preservation Services (non-HOMEBUILDERS®)	Apr. 2012	(\$4,385)	(\$909)	(\$3,476)	(\$3,164)	(\$7,549)	(\$1.39)	0 %
Youth Villages LifeSet	Jun. 2016	(\$2,218)	\$982	(\$3,200)	(\$9,694)	(\$11,912)	(\$0.23)	22 %

## Other Child Welfare topics reviewed:

Program name	Date of last literature review	Notes
Family Team Decision-Making	Apr. 2012	Click for meta-analytic results
Fostering Healthy Futures	Jun. 2013	Click for meta-analytic results
Multisystemic Therapy (MST) for child abuse and neglect	Jun. 2013	Click for meta-analytic results
Structured Decision Making Risk Assessment	Apr. 2012	Click for meta-analytic results
Alternatives for Families (AF-CBT)	May. 2015	No rigorous evaluation measuring outcome of interest.
Circle of Security	Jan. 2013	No rigorous evaluation measuring outcome of interest.
Family Search and Engagement	Jan. 2013	No rigorous evaluation measuring outcome of interest.
Functional Family Therapy (FFT) for children in the child welfare system	Jan. 2013	No rigorous evaluation measuring outcome of interest.
Including Fathers—Father Engagement Program	Jul. 2014	No rigorous evaluation measuring outcome of interest.
Kaleidoscope Play and Learn	Jun. 2013	No rigorous evaluation measuring outcome of interest.
King County Family Treatment Court	Jun. 2016	No rigorous evaluation measuring outcome of interest.
Parent Mentor Program	Jan. 2013	No rigorous evaluation measuring outcome of interest.
Parents and Children Together (PACT)	Jun. 2013	No rigorous evaluation measuring outcome of interest.
Parents for Parents	Jan. 2013	No rigorous evaluation measuring outcome of interest.
Partners with Families and Children	Jan. 2013	No rigorous evaluation measuring outcome of interest.
Pathway to Reunification	Jan. 2013	No rigorous evaluation measuring outcome of interest.
Project KEEP	Apr. 2012	No rigorous evaluation measuring outcome of interest.
Promoting First Relationships	Jan. 2013	No rigorous evaluation measuring outcome of interest.
Safe Babies, Safe Moms	Jan. 2014	No rigorous evaluation measuring outcome of interest.
Dependency (or Family treatment) drug courts	Jul. 2008	See previous WSIPP publication for past findings.

## Pre-K to 12 Education

Program name	Date of last literature review	Total benefits	Taxpayer benefits	Non-taxpayer benefits	Costs	Benefits minus costs (net present value)	Benefit to cost ratio	Chance benefits will exceed costs
Becoming a Man (BAM) with high-dosage tutoring	May. 2015	\$34,488	\$9,364	\$25,124	(\$4,477)	\$30,011	\$7.70	72 %
State and district early childhood education programs	Dec. 2013	\$36,212	\$11,868	\$24,344	(\$7,168)	\$29,044	\$5.05	92 %
Consultant teachers: Literacy Collaborative	Jun. 2014	\$24,995	\$6,407	\$18,588	(\$742)	\$24,253	\$33.68	100 %
Head Start	Dec. 2013	\$26,273	\$8,696	\$17,577	(\$8,836)	\$17,436	\$2.97	82 %
Tutoring: By peers	Jul. 2014	\$15,019	\$3,806	\$11,212	(\$114)	\$14,905	\$131.90	83 %
Double-dose classes	May. 2015	\$15,174	\$4,061	\$11,112	(\$488)	\$14,686	\$31.13	98 %
Summer book programs: Multi-year intervention	Jun. 2014	\$14,688	\$3,732	\$10,956	(\$215)	\$14,473	\$68.20	71 %
Case management in schools	Jun. 2014	\$14,560	\$4,292	\$10,268	(\$226)	\$14,334	\$64.33	96 %
Teacher professional development: Use of data to guide instruction	Jun. 2014	\$13,410	\$3,398	\$10,011	(\$109)	\$13,301	\$123.33	98 %
Consultant teachers: Online coaching	Jun. 2014	\$13,470	\$3,424	\$10,045	(\$194)	\$13,275	\$69.31	86 %
Tutoring: By certificated teachers, small-group, structured	Jun. 2014	\$14,042	\$3,730	\$10,312	(\$1,430)	\$12,612	\$9.82	96 %
Tutoring: By adults for English language learner students	Jul. 2014	\$14,007	\$3,777	\$10,231	(\$1,437)	\$12,570	\$9.74	68 %
Tutoring: By adults, one-on-one, structured	Jun. 2014	\$13,869	\$3,796	\$10,072	(\$2,330)	\$11,538	\$5.95	94 %
Project Lead The Way (PLTW)	Sep. 2014	\$12,970	\$3,493	\$9,477	(\$1,773)	\$11,197	\$7.32	82 %
Consultant teachers: Content-Focused Coaching	Jun. 2014	\$10,147	\$2,571	\$7,576	(\$58)	\$10,089	\$175.04	94 %
Special literacy instruction for English language learner students	Jul. 2014	\$10,038	\$2,610	\$7,428	(\$297)	\$9,741	\$33.81	80 %
Tutoring: By non-certificated adults, small-group, structured	Jun. 2014	\$8,496	\$2,215	\$6,281	(\$545)	\$7,951	\$15.59	77 %
Teacher professional development: Targeted	Jun. 2014	\$7,905	\$2,031	\$5,874	(\$264)	\$7,641	\$29.90	78 %
Consultant teachers: Coaching	Jun. 2014	\$6,256	\$1,611	\$4,644	(\$256)	\$5,999	\$24.40	82 %
Teacher professional development: Induction/mentoring	Jun. 2014	\$5,098	\$1,295	\$3,803	(\$76)	\$5,023	\$67.47	63 %
Out-of-school-time tutoring by adults	Jun. 2014	\$5,928	\$1,616	\$4,313	(\$933)	\$4,996	\$6.36	92 %
Summer learning programs: Academically focused	Jun. 2014	\$5,472	\$1,527	\$3,945	(\$1,153)	\$4,319	\$4.75	86 %
Per-pupil expenditures: 10% increase for one student cohort from kindergarten through grade 12	Apr. 2012	\$15,053	\$4,341	\$10,712	(\$10,926)	\$4,127	\$1.38	63 %
Supplemental computer-assisted instruction for struggling readers	Jun. 2016	\$3,997	\$1,077	\$2,920	(\$545)	\$3,452	\$7.33	58 %
National Board for Professional Teaching Standards (NBPTS) certification bonuses	Apr. 2012	\$3,507	\$900	\$2,607	(\$111)	\$3,396	\$31.60	100 %
Parents as tutors with teacher oversight	Jun. 2014	\$3,962	\$1,101	\$2,862	(\$809)	\$3,154	\$4.90	56 %
Teacher performance pay programs	Oct. 2015	\$2,266	\$577	\$1,689	(\$36)	\$2,230	\$63.23	86 %
Tutoring: By adults, one-on-one, non-structured	Jun. 2014	\$3,580	\$1,088	\$2,492	(\$1,449)	\$2,131	\$2.47	70 %
Becoming a Man (BAM)	May. 2015	\$3,959	\$1,210	\$2,749	(\$2,000)	\$1,959	\$1.98	72 %
First Step to Success	May. 2015	\$2,397	\$650	\$1,747	(\$593)	\$1,804	\$4.04	53 %
Teacher professional development: Online, targeted	Jun. 2014	\$2,096	\$564	\$1,532	(\$296)	\$1,800	\$7.08	60 %
Summer book programs: One-year intervention	Jun. 2014	\$1,753	\$452	\$1,301	(\$78)	\$1,674	\$22.36	56 %
Class size: reducing average class size by one student in kindergarten	Jan. 2013	\$1,808	\$559	\$1,249	(\$208)	\$1,600	\$8.70	98 %
Summer book programs: One-year intervention, with additional support	Jun. 2014	\$1,046	\$280	\$767	(\$116)	\$931	\$9.03	58 %
Tutoring: Supplemental Educational Services (under Title I)	May. 2015	\$2,480	\$846	\$1,634	(\$1,670)	\$810	\$1.48	58 %
Class size: reducing average class size by one student in grade 1	Jan. 2013	\$952	\$309	\$643	(\$208)	\$744	\$4.58	90 %
Daily Behavior Report Cards	May. 2015	\$692	\$187	\$505	(\$50)	\$642	\$13.78	68 %
Class size: reducing average class size by one student in grade 2	Jan. 2013	\$550	\$190	\$360	(\$208)	\$343	\$2.65	65 %
Class size: reducing average class size by one student in grade 3	Jan. 2013	\$427	\$154	\$273	(\$208)	\$219	\$2.06	58 %
Class size: reducing average class size by one student in one grade, 4-6	Jan. 2013	\$315	\$117	\$198	(\$188)	\$127	\$1.68	53 %
Class size: reducing average class size by one student in one grade, 9-12	Jan. 2013	\$277	\$100	\$176	(\$168)	\$109	\$1.65	52 %
Class size: reducing average class size by one student in one grade, 7-8	Jan. 2013	\$271	\$101	\$170	(\$170)	\$101	\$1.59	52 %
Second Step	May. 2015	\$114	\$42	\$72	(\$119)	(\$5)	\$0.96	47 %
Teacher professional development: Not targeted	Jun. 2014	(\$16)	\$7	(\$23)	(\$88)	(\$104)	(\$0.18)	37 %
Conjoint Behavioral Consultation	May. 2015	(\$199)	\$39	(\$237)	(\$708)	(\$907)	(\$0.28)	1 %

Full-day kindergarten	Dec. 2013	\$283	\$416	(\$133)	(\$2,731)	(\$2,448)	\$0.10	38 %
Educator professional development: Use of data to guide instruction	Jun. 2014	(\$3,108)	(\$781)	(\$2,327)	(\$18)	(\$3,126)	(\$171.63)	31 %
"Check-in" behavior interventions	May. 2015	(\$2,455)	(\$419)	(\$2,035)	(\$1,330)	(\$3,785)	(\$1.85)	45 %
Even Start	Apr. 2012	(\$4,873)	(\$705)	(\$4,168)	(\$4,270)	(\$9,143)	(\$1.14)	31 %
Early Head Start	Apr. 2012	(\$1,516)	\$2,134	(\$3,650)	(\$10,995)	(\$12,511)	(\$0.14)	24 %

### Other Pre-K to 12 Education topics reviewed:

Program name	Date of last literature review	Notes
Academic Vocabulary Instruction	Jun. 2016	Click for meta-analytic results
Charter schools: Knowledge Is Power Program (KIPP)	Aug. 2013	Click for meta-analytic results
Charter schools: non-urban charter schools	Aug. 2013	Click for meta-analytic results
Charter schools: overall impact	Aug. 2013	Click for meta-analytic results
Charter schools: urban charter schools	Aug. 2013	Click for meta-analytic results
Model early childhood education programs	Dec. 2013	Click for meta-analytic results
Pre-K and elementary bilingual instruction for English language learners	Jun. 2014	Click for meta-analytic results
Principal quality	Aug. 2013	Click for meta-analytic results
Teacher experience	Apr. 2012	Click for meta-analytic results
Teacher graduate degrees	Apr. 2012	Click for meta-analytic results
Teacher in-subject graduate degrees	Apr. 2012	Click for meta-analytic results
Transition programs for incoming kindergarteners	Jun. 2016	Click for meta-analytic results
ACCEPTS program	May. 2015	No rigorous evaluation measuring outcome of interest.
Advancement Via Individual Determination (AVID)	Jul. 2013	No rigorous evaluation measuring outcome of interest.
Connecting With Others program	May. 2015	No rigorous evaluation measuring outcome of interest.
Credit retrieval	Jun. 2014	No rigorous evaluation measuring outcome of interest.
High Schools That Work (HSTW)	Jul. 2013	No rigorous evaluation measuring outcome of interest.
International Baccalaureate	Jul. 2013	No rigorous evaluation measuring outcome of interest.
K-12 educator professional learning communities	Jul. 2013	No rigorous evaluation measuring outcome of interest.
Lunch Buddy Program	May. 2015	No rigorous evaluation measuring outcome of interest.
Make Your Day	May. 2015	No rigorous evaluation measuring outcome of interest.
MicroSociety	Jul. 2013	No rigorous evaluation measuring outcome of interest.
Montessori in K-12	Jul. 2013	No rigorous evaluation measuring outcome of interest.
Parent and family engagement coordinators	Jun. 2014	No rigorous evaluation measuring outcome of interest.
Skillstreaming	May. 2015	No rigorous evaluation measuring outcome of interest.
Team teaching/co-teaching	May. 2015	No rigorous evaluation measuring outcome of interest.
Think Time	May. 2015	No rigorous evaluation measuring outcome of interest.
K-12 teacher effectiveness	Dec. 2007	See previous WSIPP publication for past findings.



# Children's Mental Health

Program name	Date of last literature review	Total benefits	Taxpayer benefits	Non-taxpayer benefits	Costs	Benefits minus costs (net present value)	Benefit to cost ratio	Chance benefits will exceed costs
Anxiety								
Remote Cognitive Behavioral Therapy (CBT) for anxious children	Apr. 2012	\$7,050	\$2,095	\$4,955	\$781	\$7,831	n/a	93 %
Group Cognitive Behavioral Therapy (CBT) for anxious children	Apr. 2012	\$6,393	\$1,947	\$4,447	\$413	\$6,807	n/a	100 %
Individual Cognitive Behavioral Therapy (CBT) for anxious children	Apr. 2012	\$4,470	\$1,527	\$2,942	(\$773)	\$3,696	\$5.78	98 %
Parent Cognitive Behavioral Therapy (CBT) for anxious young children	Apr. 2012	\$1,871	\$488	\$1,383	\$640	\$2,511	n/a	99 %
Attention Deficit Hyperactivity Disorder								
Behavioral Parent Training (BPT) for children with ADHD	Apr. 2012	\$434	\$94	\$340	\$112	\$546	n/a	89 %
Cognitive Behavioral Therapy (CBT) for children with ADHD	Apr. 2012	(\$1,088)	(\$145)	(\$943)	(\$1,037)	(\$2,125)	(\$1.05)	8 %
Multimodal Therapy (MMT) for children with ADHD	Apr. 2012	\$2,623	\$1,835	\$788	(\$8,800)	(\$6,177)	\$0.30	33 %
Depression								
Cognitive Behavioral Therapy (CBT) for depressed children	Jun. 2015	\$4,051	\$1,299	\$2,752	(\$174)	\$3,878	\$23.33	59 %
Blues Program (group CBT prevention program for high school students at risk for depression)	May. 2015	(\$26)	\$11	(\$38)	(\$115)	(\$141)	(\$0.23)	41 %
Cognitive Behavioral Therapy (CBT) for depressed adolescents	Apr. 2012	\$81	\$71	\$10	(\$511)	(\$429)	\$0.16	38 %
Disruptive Behavior								
Other Behavioral Parent Training (BPT) for children with disruptive behavior disorders	Apr. 2012	\$2,355	\$669	\$1,686	\$109	\$2,464	n/a	89 %
Triple-P Positive Parenting Program: Level 4, individual	Apr. 2012	\$3,369	\$1,123	\$2,245	(\$981)	\$2,387	\$3.43	86 %
Triple-P Positive Parenting Program: Level 4, group	Apr. 2012	\$1,672	\$399	\$1,273	\$553	\$2,225	n/a	100 %
Parent Child Interaction Therapy (PCIT) for children with disruptive behavior	Apr. 2012	\$3,207	\$1,121	\$2,085	(\$1,398)	\$1,808	\$2.29	79 %
Parent Management Training—Oregon Model (treatment population)	May. 2015	\$1,842	\$668	\$1,174	(\$690)	\$1,151	\$2.67	83 %
Helping the Noncompliant Child	Jun. 2015	\$1,559	\$547	\$1,012	(\$689)	\$870	\$2.26	66 %
Incredible Years: Parent training	Apr. 2012	\$2,153	\$849	\$1,303	(\$1,305)	\$847	\$1.65	54 %
Multimodal Therapy (MMT) for children with disruptive behavior	Apr. 2012	\$1,893	\$652	\$1,240	(\$1,344)	\$549	\$1.41	49 %
Families and Schools Together (FAST)	Apr. 2012	\$1,982	\$681	\$1,301	(\$1,854)	\$128	\$1.07	49 %
Brief Strategic Family Therapy (BSFT)	Jun. 2016	\$594	\$548	\$45	(\$538)	\$56	\$1.10	46 %
Incredible Years: Parent training and child training	Apr. 2012	\$344	\$349	(\$6)	(\$1,707)	(\$1,364)	\$0.20	13 %
Stop Now and Plan (SNAP)	Dec. 2015	\$62	\$528	(\$466)	(\$3,298)	(\$3,236)	\$0.02	4 %
Serious Emotional Disturbance								
Multisystemic Therapy (MST) for youth with serious emotional disturbance (SED)	Apr. 2012	\$9,009	\$3,502	\$5,506	(\$6,823)	\$2,185	\$1.32	61 %
Trauma								
Eye Movement Desensitization and Reprocessing (EMDR) for child trauma	Apr. 2012	\$8,816	\$2,776	\$6,040	\$163	\$8,979	n/a	81 %
Cognitive Behavioral Therapy (CBT)-based models for child trauma	Apr. 2012	\$6,217	\$1,923	\$4,293	\$334	\$6,550	n/a	100 %

## Other Children's Mental Health topics reviewed:

Program name	Date of last literature review	Notes
Addition of CBT to antidepressants (compared to antidepressants alone) for adolescent depression	Aug. 2014	<a href="#">Click for meta-analytic results</a>
Child-Parent Psychotherapy	Jun. 2013	<a href="#">Click for meta-analytic results</a>
Choice Theory/Reality Therapy	Dec. 2015	<a href="#">Click for meta-analytic results</a>
Full fidelity wraparound for children with serious emotional disturbance (SED)	Jan. 2012	<a href="#">Click for meta-analytic results</a>
Intensive Family Preservation Services (HOMEBUILDERS®) for youth with serious emotional disturbance (SED)	Jun. 2016	<a href="#">Click for meta-analytic results</a>
Modularized Approaches to Treatment of Anxiety, Depression, and Behavior (MATCH)	Jun. 2013	<a href="#">Click for meta-analytic results</a>
New Beginnings for children of divorce	Jun. 2015	<a href="#">Click for meta-analytic results</a>
ADOPTS (therapy to address distress of post traumatic stress in adoptive children)	Jan. 2013	No rigorous evaluation measuring outcome of interest.
Encompass for ADHD	Jun. 2016	No rigorous evaluation measuring outcome of interest.
Families Moving Forward	Jan. 2013	No rigorous evaluation measuring outcome of interest.
Kids Club and Moms Empowerment support groups	Jan. 2013	No rigorous evaluation measuring outcome of interest.
Take 5: Trauma Affects Kids Everywhere—Five Ways to Promote Resilience	Jan. 2013	No rigorous evaluation measuring outcome of interest.
Theraplay	Jan. 2013	No rigorous evaluation measuring outcome of interest.



## Health Care

Program name	Date of last literature review	Total benefits	Taxpayer benefits	Non-taxpayer benefits	Costs	Benefits minus costs (net present value)	Benefit to cost ratio	Chance benefits will exceed costs
Health Promotion								
Lifestyle interventions to prevent diabetes: Long-term, intensive, individual counseling programs	Dec. 2014	\$28,870	\$11,628	\$17,243	(\$3,742)	\$25,128	\$7.72	100 %
Lifestyle interventions to prevent diabetes: Shorter-term programs with group-based counseling	Dec. 2014	\$14,178	\$5,048	\$9,129	(\$441)	\$13,737	\$32.16	81 %
Behavioral interventions to reduce obesity for adults: High-intensity, in-person programs	Dec. 2014	\$2,494	\$535	\$1,959	(\$617)	\$1,877	\$4.04	61 %
Behavioral interventions to reduce obesity for adults: Remotely-delivered programs	Dec. 2014	\$822	\$159	\$663	(\$94)	\$728	\$8.74	55 %
Cesarean section reduction programs: Multi-faceted hospital-based interventions (private pay population)	Nov. 2015	\$335	\$116	\$219	(\$34)	\$301	\$9.86	100 %
Cesarean section reduction programs: Multi-faceted hospital-based interventions (Medicaid population)	Nov. 2015	\$232	\$82	\$150	(\$34)	\$198	\$6.81	100 %
Cesarean section reduction programs: Audit and feedback (private pay population)	Nov. 2015	\$199	\$70	\$129	(\$27)	\$172	\$7.33	86 %
Cesarean section reduction programs: Audit and feedback (Medicaid population)	Nov. 2015	\$141	\$51	\$90	(\$27)	\$114	\$5.17	83 %
Cesarean section reduction programs: Mandatory second opinion (private pay population)	Nov. 2015	\$177	\$71	\$106	(\$76)	\$101	\$2.32	100 %
Cesarean section reduction programs: Mandatory second opinion (Medicaid population)	Nov. 2015	\$115	\$51	\$65	(\$76)	\$39	\$1.51	96 %
Behavioral interventions to reduce obesity for children: Remotely-delivered programs	Dec. 2014	\$45	\$11	\$34	(\$64)	(\$19)	\$0.70	50 %
Behavioral interventions to reduce obesity for adults: Low-intensity, in-person programs	Dec. 2014	\$161	\$49	\$113	(\$183)	(\$21)	\$0.88	47 %
Behavioral interventions to reduce obesity for children: Low-intensity, in-person programs	Dec. 2014	(\$49)	\$1	(\$49)	(\$163)	(\$211)	(\$0.30)	47 %
Cesarean section reduction programs: Continuous support (private pay population)	Nov. 2015	\$11	\$46	(\$35)	(\$258)	(\$247)	\$0.04	4 %
Cesarean section reduction programs: Continuous support (Medicaid population)	Nov. 2015	(\$26)	\$34	(\$59)	(\$258)	(\$283)	(\$0.10)	0 %
Behavioral interventions to reduce obesity for children: Moderate- to high-intensity, face-to-face programs	Dec. 2014	\$22	\$27	(\$5)	(\$328)	(\$306)	\$0.07	46 %
System Efficiency								
Transitional care programs to prevent hospital readmissions: Comprehensive programs	Dec. 2014	\$1,790	\$826	\$965	(\$413)	\$1,377	\$4.33	100 %
Patient-centered medical homes with high-risk patients	Dec. 2014	\$653	\$271	\$383	(\$81)	\$572	\$8.04	87 %
Transitional care programs to prevent hospital readmissions: All programs, general patient populations	Dec. 2014	\$424	\$185	\$238	(\$51)	\$373	\$8.27	88 %
Patient-centered medical homes in integrated health systems	Dec. 2014	\$231	\$106	\$125	(\$81)	\$150	\$2.85	56 %
Interventions to reduce unnecessary emergency department visits: General education on appropriate ED use	Dec. 2014	\$14	\$7	\$7	(\$8)	\$6	\$1.81	51 %
Interventions to reduce unnecessary emergency department visits: Asthma self-management education for children	Dec. 2014	\$41	\$28	\$13	(\$77)	(\$36)	\$0.53	50 %
Patient-centered medical homes in physician-led practices	Dec. 2014	(\$60)	(\$7)	(\$53)	(\$81)	(\$141)	(\$0.74)	7 %
Interventions to reduce unnecessary emergency department visits: Intensive case management for frequent ED users	Dec. 2014	\$3,968	\$3,391	\$577	(\$9,468)	(\$5,501)	\$0.42	45 %

## Other Health Care topics reviewed:

Program name	Date of last literature review	Notes
Accountable Care Organizations: (a) Alternative Quality Contract	Nov. 2015	<a href="#">Click for meta-analytic results</a>
Accountable Care Organizations: (b) Medicare Physician Group Practice Demonstration (PGPD)	Nov. 2015	<a href="#">Click for meta-analytic results</a>
Accountable Care Organizations: (c) Medicare Pioneer ACOs	Nov. 2015	<a href="#">Click for meta-analytic results</a>
Cost sharing: (a) High-Deductible Health Plans (moderate to high deductibles, with and without HRAs or HSAs), general patient population	Nov. 2015	<a href="#">Click for meta-analytic results</a>
Cost sharing: (b) High-Deductible Health Plans (moderate to high deductible levels, with or without HSAs), low-income patient population	Nov. 2015	<a href="#">Click for meta-analytic results</a>
Cost sharing: (c) High-Deductible Health Plans with moderate deductibles (individual < \$1000), general patient population	Nov. 2015	<a href="#">Click for meta-analytic results</a>
Cost sharing: (d) High-Deductible Health Plans with higher deductibles (individual > \$1000), general patient population	Nov. 2015	<a href="#">Click for meta-analytic results</a>
Cost sharing: (e) High-Deductible Health Plans with higher deductibles (individual > \$1000) and HRA accounts, general patient population	Nov. 2015	<a href="#">Click for meta-analytic results</a>
Cost sharing: (f) High-Deductible Health Plans with higher deductibles (individual > \$1000) and HSA accounts, general patient population	Nov. 2015	<a href="#">Click for meta-analytic results</a>
Cost sharing: (g) Coinsurance (25% rate or higher) versus no cost sharing, general patient population	Nov. 2015	<a href="#">Click for meta-analytic results</a>
Cost sharing: (h) Copay increases across multiple services, low-income population	Nov. 2015	<a href="#">Click for meta-analytic results</a>
Cost sharing: (i) Copay increases across multiple services, low-income and chronically-ill population	Nov. 2015	<a href="#">Click for meta-analytic results</a>
Cost sharing: (j) Emergency department copays, general patient population	Nov. 2015	<a href="#">Click for meta-analytic results</a>
Cost sharing: (k) Emergency department copays, low-income patient population	Nov. 2015	<a href="#">Click for meta-analytic results</a>
Cost sharing: (l) Copays for nonemergent emergency department visits, Medicaid adult population	Nov. 2015	<a href="#">Click for meta-analytic results</a>
Cost sharing: (m) Copays for prescription drugs, general patient population	Nov. 2015	<a href="#">Click for meta-analytic results</a>
Cost sharing: (n) Copays for prescription drugs, adults with a chronic illness	Nov. 2015	<a href="#">Click for meta-analytic results</a>
Cost sharing: (o) Copay reductions for prescription drugs used to treat chronic conditions (Value Based Insurance Design), adults with chronic illnesses	Nov. 2015	<a href="#">Click for meta-analytic results</a>
Cost sharing: (p) Copays for prescription drugs, low-income children (CHIP)	Nov. 2015	<a href="#">Click for meta-analytic results</a>
Cost sharing: (q) Copays for prescription drugs, low-income children (CHIP) with a chronic illness	Nov. 2015	<a href="#">Click for meta-analytic results</a>
Cost sharing: (r) Copays for prescription drugs, Medicare beneficiaries	Nov. 2015	<a href="#">Click for meta-analytic results</a>
Oral health: Fluoride varnish treatment for permanent teeth	Oct. 2014	<a href="#">Click for meta-analytic results</a>
Oral health: Fluoride varnish treatment for primary teeth	Oct. 2014	<a href="#">Click for meta-analytic results</a>
Oral health: Resin sealants for molars	Oct. 2014	<a href="#">Click for meta-analytic results</a>
Smoking cessation programs during pregnancy (all programs)	Dec. 2014	<a href="#">Click for meta-analytic results</a>
Smoking cessation programs in pregnancy (face-to-face counseling programs)	Dec. 2014	<a href="#">Click for meta-analytic results</a>
Smoking cessation programs in pregnancy (programs without significant face-to-face counseling)	Dec. 2014	<a href="#">Click for meta-analytic results</a>
Transitional care programs to prevent hospital readmissions: Brief phone follow-up only	Dec. 2014	<a href="#">Click for meta-analytic results</a>
Oral health: Mid-level dental care providers	Oct. 2014	No rigorous evaluation measuring outcome of interest.
Oral health: Preventive dental visits	Oct. 2014	No rigorous evaluation measuring outcome of interest.

## Substance Abuse

Program name	Date of last literature review	Total benefits	Taxpayer benefits	Non-taxpayer benefits	Costs	Benefits minus costs (net present value)	Benefit to cost ratio	Chance benefits will exceed costs
Substance Abuse Early Intervention								
Brief intervention in primary care	Sep. 2016	\$4,849	\$1,558	\$3,292	(\$270)	\$4,579	\$17.97	93 %
Brief intervention in a medical hospital	Sep. 2016	\$4,154	\$1,318	\$2,835	(\$159)	\$3,995	\$26.14	75 %
Teen Intervene	Jun. 2016	\$3,596	\$912	\$2,683	(\$381)	\$3,215	\$9.44	96 %
Brief intervention in emergency department (SBIRT)	Sep. 2016	\$3,431	\$1,147	\$2,284	(\$430)	\$3,001	\$7.98	75 %
Brief Alcohol Screening and Intervention of College Students (BASICS): A Harm Reduction Approach	May. 2014	\$1,275	\$410	\$865	(\$72)	\$1,203	\$17.61	70 %
Brief intervention for youth in medical settings	Feb. 2015	\$410	\$138	\$272	(\$329)	\$81	\$1.25	49 %
Alcohol Literacy Challenge (for college students)	Jun. 2016	(\$337)	(\$106)	(\$230)	(\$4)	(\$340)	(\$86.84)	48 %
Substance Abuse Treatment for Youth								
Teen Marijuana Check-Up	Jul. 2014	\$2,474	\$794	\$1,680	(\$108)	\$2,366	\$22.95	100 %
Adolescent Assertive Continuing Care	Jun. 2013	(\$974)	\$25	(\$998)	(\$2,228)	(\$3,202)	(\$0.44)	37 %
Functional Family Therapy for substance abusing adolescents (FFT-SA)	Jun. 2016	(\$462)	\$227	(\$689)	(\$3,427)	(\$3,889)	(\$0.13)	0 %
Multidimensional Family Therapy (MDFT)	May. 2015	(\$76)	\$1,026	(\$1,102)	(\$7,973)	(\$8,049)	(\$0.01)	12 %
Substance Abuse Treatment for Adults								
Contingency management (higher-cost) for substance abuse	May. 2014	\$18,397	\$1,563	\$16,834	(\$566)	\$17,831	\$32.52	77 %
Seeking Safety: A Psychotherapy for Trauma/PTSD and Substance Abuse	May. 2014	\$9,509	\$607	\$8,902	(\$391)	\$9,118	\$24.29	66 %
Contingency management (higher-cost) for marijuana use	May. 2014	\$9,041	\$2,921	\$6,121	(\$565)	\$8,476	\$16.00	77 %
Brief marijuana dependence counseling	May. 2014	\$8,325	\$2,693	\$5,632	(\$551)	\$7,774	\$15.10	91 %
Family Behavior Therapy (FBT)	May. 2014	\$8,756	\$1,822	\$6,934	(\$1,879)	\$6,877	\$4.66	60 %
Motivational interviewing to enhance treatment engagement	Dec. 2014	\$6,890	\$2,078	\$4,812	(\$263)	\$6,627	\$26.17	62 %
Brief cognitive behavioral intervention for amphetamine users	May. 2014	\$6,734	\$1,298	\$5,436	(\$208)	\$6,526	\$32.37	60 %
Cognitive-behavioral coping skills therapy	Sep. 2016	\$5,669	\$620	\$5,049	(\$263)	\$5,406	\$21.57	60 %
Motivational Enhancement Therapy (MET) (problem drinkers)	May. 2014	\$5,615	\$1,674	\$3,941	(\$338)	\$5,277	\$16.63	59 %
12-Step Facilitation Therapy	May. 2014	\$4,697	\$490	\$4,207	\$320	\$5,016	n/a	60 %
Community Reinforcement Approach (CRA) with vouchers	May. 2014	\$5,439	\$1,105	\$4,333	(\$1,191)	\$4,248	\$4.57	56 %
Relapse Prevention Therapy	May. 2014	\$3,982	\$1,156	\$2,825	\$0	\$3,982	n/a	58 %
Holistic Harm Reduction Program (HHRP+)	May. 2014	\$3,754	\$448	\$3,306	(\$803)	\$2,951	\$4.68	56 %
Contingency management (lower-cost) for substance abuse	May. 2014	\$2,359	\$272	\$2,087	(\$248)	\$2,112	\$9.53	59 %
Individual drug counseling approach for the treatment of cocaine addiction	May. 2014	\$4,217	\$252	\$3,965	(\$2,352)	\$1,865	\$1.79	54 %
Matrix Model Intensive Outpatient Treatment Program (IOP) for stimulant abuse	May. 2014	\$2,425	\$376	\$2,049	(\$1,265)	\$1,160	\$1.92	52 %
Peer support for substance abuse	May. 2014	\$3,493	\$559	\$2,934	(\$2,783)	\$709	\$1.25	51 %
Contingency management (lower-cost) for marijuana use	May. 2014	\$310	\$136	\$174	(\$248)	\$62	\$1.25	51 %
Supportive-expressive psychotherapy for substance abuse	May. 2014	(\$1,587)	\$631	(\$2,218)	(\$2,015)	(\$3,602)	(\$0.79)	45 %
Behavioral self-control training (BSCT)	May. 2014	(\$12,642)	(\$3,426)	(\$9,216)	(\$156)	(\$12,798)	(\$81.03)	24 %
Substance Abuse Medication-assisted Treatment								
Methadone maintenance treatment	May. 2014	\$8,531	\$1,187	\$7,345	(\$3,722)	\$4,809	\$2.29	89 %
Buprenorphine/buprenorphine-naloxone (Suboxone and Subutex) treatment	May. 2014	\$6,201	\$980	\$5,221	(\$4,556)	\$1,646	\$1.36	65 %

## Other Substance Abuse topics reviewed:

Program name	Date of last literature review	Notes
<a href="#">Adolescent Community Reinforcement Approach</a>	Jun. 2013	<a href="#">Click for meta-analytic results</a>
<a href="#">Cognitive-behavioral coping skills therapy for opioid abuse</a>	Sep. 2016	<a href="#">Click for meta-analytic results</a>
<a href="#">Community Reinforcement and Family Training (CRAFT) for engaging clients in treatment</a>	Sep. 2016	<a href="#">Click for meta-analytic results</a>
<a href="#">Contingency management (lower-cost) for opioid abuse</a>	Sep. 2016	<a href="#">Click for meta-analytic results</a>
<a href="#">Day treatment with abstinence contingencies and vouchers</a>	May. 2014	<a href="#">Click for meta-analytic results</a>
<a href="#">Dialectical behavior therapy (DBT) for co-morbid substance abuse and serious mental illness</a>	May. 2014	<a href="#">Click for meta-analytic results</a>
<a href="#">MET/CBT-5 for youth marijuana use</a>	Feb. 2015	<a href="#">Click for meta-analytic results</a>
<a href="#">Node-link mapping</a>	May. 2014	<a href="#">Click for meta-analytic results</a>
<a href="#">Parent-Child Assistance Program</a>	May. 2014	<a href="#">Click for meta-analytic results</a>
<a href="#">Wraparound services for pregnant/postpartum women in substance abuse treatment</a>	Sep. 2016	<a href="#">Click for meta-analytic results</a>
<a href="#">Anger management for substance abuse and mental health clients: Cognitive-behavioral therapy</a>	May. 2014	No rigorous evaluation measuring outcome of interest.
<a href="#">Dialectical Behavior Therapy for substance abuse: Integrated Treatment model</a>	May. 2015	No rigorous evaluation measuring outcome of interest.
<a href="#">Matrix Model substance abuse treatment for adolescents</a>	Jun. 2013	No rigorous evaluation measuring outcome of interest.
<a href="#">Preventing Addiction-Related Suicide (PARS)</a>	May. 2014	No rigorous evaluation measuring outcome of interest.
<a href="#">Recovery Support Services</a>	Jun. 2016	No rigorous evaluation measuring outcome of interest.
<a href="#">Seven Challenges</a>	Jan. 2013	No rigorous evaluation measuring outcome of interest.
<a href="#">Therapeutic community for non-offenders</a>	May. 2014	No rigorous evaluation measuring outcome of interest.
<a href="#">Behavioral Couples Therapy (marital)</a>	May. 2014	Too few rigorous evaluations to date.

## Adult Mental Health

Program name	Date of last literature review	Total benefits	Taxpayer benefits	Non-taxpayer benefits	Costs	Benefits minus costs (net present value)	Benefit to cost ratio	Chance benefits will exceed costs
Cognitive behavioral therapy (CBT) for adult posttraumatic stress disorder (PTSD)	Sep. 2016	\$49,645	\$15,747	\$33,898	(\$559)	\$49,086	\$88.87	100 %
Eye Movement Desensitization and Reprocessing (EMDR) for adult posttraumatic stress disorder (PTSD)	Sep. 2016	\$41,210	\$13,016	\$28,194	(\$69)	\$41,141	\$599.10	100 %
Cognitive behavioral therapy (CBT) for adult anxiety	Sep. 2016	\$31,908	\$10,081	\$21,827	(\$568)	\$31,340	\$56.22	100 %
Cognitive behavioral therapy (CBT) for adult depression	Sep. 2016	\$25,110	\$7,858	\$17,252	(\$500)	\$24,610	\$50.22	100 %
Acceptance and Commitment Therapy for adult anxiety	Sep. 2016	\$21,738	\$6,875	\$14,864	(\$428)	\$21,310	\$50.78	84 %
Collaborative primary care for anxiety	May. 2014	\$19,461	\$6,223	\$13,237	(\$813)	\$18,648	\$23.95	98 %
Cognitive behavioral therapy (CBT) for schizophrenia/psychosis	Dec. 2014	\$14,197	\$8,073	\$6,125	(\$1,440)	\$12,758	\$9.86	61 %
Collaborative primary care for depression	May. 2014	\$7,304	\$2,388	\$4,915	(\$812)	\$6,491	\$8.99	100 %
Posttraumatic stress disorder (PTSD) prevention following trauma	May. 2014	\$5,487	\$1,865	\$3,622	(\$844)	\$4,643	\$6.50	100 %
Collaborative primary care for depression with comorbid medical conditions	May. 2014	\$3,632	\$1,255	\$2,377	(\$857)	\$2,775	\$4.24	92 %
Illness Management and Recovery (IMR)	Sep. 2016	\$3,246	\$1,471	\$1,775	(\$1,607)	\$1,639	\$2.02	52 %
Primary care in integrated settings (Veteran's Administration, Kaiser Permanente)	May. 2014	\$1,348	\$467	\$881	(\$229)	\$1,120	\$5.90	52 %
Individual Placement and Support (IPS) for individuals with serious mental illness	May. 2014	\$1,404	\$558	\$846	(\$797)	\$607	\$1.76	61 %
Acceptance and Commitment Therapy for schizophrenia/psychosis	Sep. 2016	\$1,195	\$886	\$310	(\$692)	\$503	\$1.73	58 %
Mobile crisis response	May. 2014	\$1,104	\$1,020	\$84	(\$1,181)	(\$77)	\$0.93	42 %
Primary care in behavioral health settings	May. 2014	(\$61)	\$105	(\$166)	(\$218)	(\$279)	(\$0.28)	50 %
Primary care in behavioral health settings (community-based settings)	May. 2014	(\$262)	(\$27)	(\$235)	(\$271)	(\$533)	(\$0.97)	28 %
Peer support: Substitution of a peer specialist for a non-peer on the treatment team	May. 2014	(\$1,191)	(\$367)	(\$824)	\$0	(\$1,191)	(\$14,110.77)	25 %
Peer support: Addition of a peer specialist to the treatment team	May. 2014	\$590	\$794	(\$204)	(\$3,477)	(\$2,887)	\$0.17	9 %
Forensic Assertive Community Treatment (FACT)	May. 2014	(\$5,362)	\$502	(\$5,864)	(\$12,771)	(\$18,133)	(\$0.42)	0 %
Supported housing for chronically homeless adults	Dec. 2014	(\$7,249)	\$182	(\$7,431)	(\$15,267)	(\$22,517)	(\$0.47)	0 %
Assertive community treatment (ACT)	May. 2014	(\$7,620)	\$937	(\$8,557)	(\$18,040)	(\$25,660)	(\$0.42)	12 %

### Other Adult Mental Health topics reviewed:

Program name	Date of last literature review	Notes
Assisted outpatient treatment	Nov. 2015	Click for meta-analytic results
Cognitive behavioral therapy (CBT) for prodromal psychosis	Sep. 2016	Click for meta-analytic results
Critical Time Intervention for serious mental illness	Sep. 2016	Click for meta-analytic results
Integrated Dual Disorder Treatment	Sep. 2016	Click for meta-analytic results
Integrated treatment for first-episode psychosis	Sep. 2016	Click for meta-analytic results
Integrated treatment for prodromal psychosis	Sep. 2016	Click for meta-analytic results
Medicaid Health Homes	Dec. 2014	Click for meta-analytic results
Motivational interviewing to enhance treatment engagement for serious mental illness	Sep. 2016	Click for meta-analytic results
Wellness Recovery Action Plan (WRAP)	Dec. 2014	Click for meta-analytic results
Crisis Intervention Team	May. 2014	No rigorous evaluation measuring outcome of interest.
Forensic Integrative Re-entry Support and Treatment (FIRST)	May. 2014	No rigorous evaluation measuring outcome of interest.
Forensic Intensive Supportive Housing (FISH)	May. 2014	No rigorous evaluation measuring outcome of interest.
Integrated cognitive therapies program for co-occurring mental illness and substance abuse	May. 2014	No rigorous evaluation measuring outcome of interest.
Peer Bridger	May. 2014	No rigorous evaluation measuring outcome of interest.
Trauma Informed Care: Risking Connection	May. 2014	No rigorous evaluation measuring outcome of interest.

## Public Health & Prevention

Program name	Date of last literature review	Total benefits	Taxpayer benefits	Non-taxpayer benefits	Costs	Benefits minus costs (net present value)	Benefit to cost ratio	Chance benefits will exceed costs
School-based								
Mentoring for students: school-based (taxpayer costs only)	Jun. 2014	\$27,904	\$8,571	\$19,333	(\$1,171)	\$26,733	\$23.84	74 %
Mentoring for students: school-based (with volunteer costs)	Jun. 2014	\$26,607	\$8,312	\$18,295	(\$1,825)	\$24,782	\$14.58	72 %
School-based programs to increase physical activity	Nov. 2015	\$15,296	\$3,695	\$11,601	(\$464)	\$14,832	\$32.94	67 %
Seattle Social Development Project	Apr. 2012	\$15,860	\$5,096	\$10,764	(\$3,712)	\$12,148	\$4.27	66 %
Positive Action	Aug. 2015	\$11,793	\$3,012	\$8,781	(\$440)	\$11,353	\$26.81	88 %
Good Behavior Game	Apr. 2012	\$10,342	\$2,671	\$7,671	(\$161)	\$10,181	\$64.18	71 %
Caring School Community (formerly Child Development Project)	Jun. 2014	\$10,123	\$2,572	\$7,551	(\$1,240)	\$8,883	\$8.17	61 %
Other school-wide positive behavior programs	Aug. 2015	\$8,256	\$2,164	\$6,092	(\$612)	\$7,644	\$13.49	77 %
Promoting Alternative Thinking Strategies (PATHS)	Jun. 2015	\$7,560	\$1,843	\$5,717	(\$356)	\$7,204	\$21.24	63 %
Behavioral Monitoring and Reinforcement Program (BMRP)	Apr. 2012	\$6,775	\$1,942	\$4,833	(\$1,327)	\$5,448	\$5.11	63 %
School-based tobacco prevention programs	Dec. 2014	\$4,720	\$1,204	\$3,516	(\$63)	\$4,657	\$74.88	99 %
Model Smoking Prevention Program	Dec. 2014	\$3,274	\$752	\$2,522	(\$32)	\$3,242	\$101.92	92 %
Project EX	Dec. 2014	\$3,002	\$760	\$2,243	(\$59)	\$2,943	\$50.61	90 %
All Stars	Dec. 2014	\$2,689	\$632	\$2,057	(\$103)	\$2,586	\$26.07	97 %
Life Skills Training	Jun. 2014	\$1,706	\$410	\$1,296	(\$99)	\$1,607	\$17.25	66 %
SPORT	Jun. 2014	\$1,498	\$383	\$1,115	(\$39)	\$1,459	\$38.29	70 %
Alcohol Literacy Challenge (for high school students)	Jun. 2016	\$995	\$311	\$684	(\$4)	\$991	\$257.22	59 %
ATHENA (Athletes Targeting Healthy Exercise and Nutrition Alternatives)	Dec. 2014	\$621	\$161	\$459	(\$38)	\$583	\$16.39	56 %
keepin' it REAL	Jun. 2014	\$573	\$184	\$390	(\$49)	\$525	\$11.79	62 %
Too Good for Drugs	Dec. 2014	\$500	\$122	\$378	(\$53)	\$447	\$9.45	91 %
Lions Quest Skills for Adolescence	Jun. 2014	\$508	\$132	\$376	(\$96)	\$412	\$5.29	65 %
American Indian adolescent substance abuse prevention programs	Dec. 2014	\$466	\$188	\$278	(\$55)	\$411	\$8.42	54 %
Project Towards No Drug Abuse (TND)	Jun. 2014	\$427	\$136	\$290	(\$65)	\$361	\$6.54	57 %
Project ALERT	Jul. 2014	\$473	\$139	\$334	(\$150)	\$322	\$3.15	64 %
Coping Power Program	Jun. 2016	\$2,006	\$690	\$1,316	(\$1,806)	\$200	\$1.11	50 %
School-based BMI screening and parental notification	Nov. 2015	(\$48)	(\$15)	(\$33)	(\$25)	(\$73)	(\$1.90)	50 %
Youth advocacy/empowerment programs for tobacco prevention	Dec. 2014	(\$165)	(\$39)	(\$126)	(\$23)	(\$188)	(\$7.27)	37 %
School-based obesity prevention education	Nov. 2015	(\$81)	(\$10)	(\$71)	(\$116)	(\$197)	(\$0.69)	48 %
Responsive Classroom	Oct. 2015	\$344	\$154	\$189	(\$541)	(\$197)	\$0.64	48 %
Drug Abuse Resistance Education (D.A.R.E.)	Aug. 2015	(\$281)	(\$153)	(\$128)	(\$54)	(\$335)	(\$5.19)	49 %
Project SUCCESS	Aug. 2014	(\$194)	(\$28)	(\$166)	(\$158)	(\$352)	(\$1.23)	41 %
Preschool programs to create a healthy food environment and increase physical activity	Nov. 2015	(\$230)	(\$36)	(\$194)	(\$248)	(\$478)	(\$0.93)	44 %
InShape	Jun. 2014	(\$562)	(\$172)	(\$390)	(\$15)	(\$577)	(\$37.34)	46 %
Home- or Family-based								
Nurse Family Partnership	Apr. 2012	\$16,208	\$6,518	\$9,690	(\$10,049)	\$6,159	\$1.61	58 %
Parents as Teachers	Apr. 2012	\$8,843	\$3,014	\$5,830	(\$2,688)	\$6,156	\$3.29	67 %
Other home visiting programs for at-risk mothers and children	Apr. 2012	\$11,075	\$4,415	\$6,660	(\$5,870)	\$5,205	\$1.89	63 %
Family-based tobacco and substance use prevention	Dec. 2014	\$5,109	\$1,315	\$3,794	(\$181)	\$4,928	\$28.17	100 %
Parent Management Training - Oregon Model (Prevention population)	May. 2015	\$5,108	\$1,427	\$3,680	(\$650)	\$4,458	\$7.86	60 %
Strengthening Families for Parents and Youth 10-14	Apr. 2012	\$4,126	\$1,076	\$3,050	(\$825)	\$3,301	\$5.00	71 %
Computer-based substance use prevention programs	Dec. 2014	\$2,713	\$700	\$2,013	(\$70)	\$2,643	\$38.66	70 %
Family Matters	Jun. 2016	\$1,779	\$474	\$1,305	(\$194)	\$1,585	\$9.19	74 %
Guiding Good Choices (formerly Preparing for the Drug Free Years)	Jun. 2014	\$1,791	\$538	\$1,252	(\$666)	\$1,124	\$2.69	56 %
Healthy Families America	Apr. 2012	\$5,811	\$3,165	\$2,647	(\$4,797)	\$1,015	\$1.21	51 %
Family Check-Up (also known as Positive Family Support)	Jun. 2014	(\$205)	(\$19)	(\$186)	(\$329)	(\$534)	(\$0.62)	41 %
Familias Unidas	Jun. 2016	(\$161)	\$172	(\$333)	(\$1,469)	(\$1,630)	(\$0.11)	41 %



Parent Child Home Program	Apr. 2012	\$2,914	\$2,357	\$557	(\$5,787)	(\$2,873)	\$0.50	43 %
Community-based								
Computer-based programs for smoking cessation	Dec. 2014	\$33,330	\$7,039	\$26,292	(\$40)	\$33,290	\$828.87	100 %
Text messaging programs for smoking cessation	Dec. 2014	\$19,795	\$3,986	\$15,808	(\$52)	\$19,742	\$378.89	100 %
Quantum Opportunities Program	Apr. 2012	\$44,967	\$17,081	\$27,885	(\$27,034)	\$17,933	\$1.66	61 %
Mentoring for students: community-based (taxpayer costs only)	Jun. 2014	\$13,190	\$4,031	\$9,159	(\$1,289)	\$11,900	\$10.23	71 %
Mentoring for students: community-based (with volunteer costs)	Jun. 2014	\$12,783	\$4,193	\$8,590	(\$3,260)	\$9,523	\$3.92	66 %
Communities That Care	Apr. 2012	\$2,438	\$657	\$1,781	(\$585)	\$1,853	\$4.17	80 %
Project STAR	Jul. 2014	\$1,765	\$464	\$1,301	(\$510)	\$1,255	\$3.46	73 %
Project Northland	Jun. 2014	\$885	\$225	\$660	(\$188)	\$696	\$4.70	74 %
PROSPER	Jun. 2016	\$824	\$326	\$498	(\$523)	\$301	\$1.58	55 %
Children's Aid Society--Carrera	Apr. 2012	\$7,658	\$4,215	\$3,444	(\$14,782)	(\$7,124)	\$0.52	41 %
CASASTART	Apr. 2012	(\$6,369)	(\$417)	(\$5,952)	(\$7,075)	(\$13,443)	(\$0.90)	20 %
Fast Track prevention program	Apr. 2012	(\$21,407)	\$2,453	(\$23,860)	(\$61,221)	(\$82,628)	(\$0.35)	0 %
Population-level policies								
Access to tobacco quitlines	Dec. 2014	\$21,052	\$1,645	\$19,407	(\$214)	\$20,838	\$98.17	95 %
More intensive tobacco quitlines (compared to less intensive quitlines)	Dec. 2014	\$9,915	\$1,650	\$8,265	(\$130)	\$9,784	\$76.10	100 %
Anti-smoking media campaign, youth effect	Dec. 2014	\$4,259	\$987	\$3,272	(\$28)	\$4,231	\$153.77	100 %
Anti-smoking media campaigns, adult effect	Dec. 2014	\$2,067	\$595	\$1,472	(\$35)	\$2,032	\$58.70	86 %
Multicomponent environmental interventions to prevent youth tobacco use	Jun. 2016	\$1,288	\$346	\$942	(\$155)	\$1,133	\$8.32	86 %
Triple-P Positive Parenting Program (System)	Apr. 2012	\$1,120	\$387	\$733	(\$150)	\$970	\$7.48	63 %
Multicomponent environmental interventions to prevent youth alcohol use	Jun. 2016	(\$173)	(\$37)	(\$135)	(\$105)	(\$278)	(\$1.64)	27 %

## Other Public Health & Prevention topics reviewed:

Program name	Date of last literature review	Notes
10% increase in cigarette tax (effect on adults)	Dec. 2014	<a href="#">Click for meta-analytic results</a>
10% increase in cigarette tax (effect on youth)	Dec. 2014	<a href="#">Click for meta-analytic results</a>
Adolescent Sibling Pregnancy Prevention	Apr. 2012	<a href="#">Click for meta-analytic results</a>
Athletes Training and Learning to Avoid Steroids (ATLAS)	Jun. 2016	<a href="#">Click for meta-analytic results</a>
Body Project	Jun. 2016	<a href="#">Click for meta-analytic results</a>
Child FIRST	Jul. 2014	<a href="#">Click for meta-analytic results</a>
Compliance checks for alcohol	Jun. 2016	<a href="#">Click for meta-analytic results</a>
Compliance checks for tobacco	Jun. 2016	<a href="#">Click for meta-analytic results</a>
Curriculum-based support groups (CBSG)	Jun. 2016	<a href="#">Click for meta-analytic results</a>
Postponing Sexual Involvement (c)	Apr. 2012	<a href="#">Click for meta-analytic results</a>
Protecting You/Protecting Me	Jun. 2016	<a href="#">Click for meta-analytic results</a>
Raising Healthy Children	Jun. 2016	<a href="#">Click for meta-analytic results</a>
Reconnecting Youth	Dec. 2014	<a href="#">Click for meta-analytic results</a>
School-based programs to create a healthy food environment	Nov. 2015	<a href="#">Click for meta-analytic results</a>
School-based service learning	Apr. 2012	<a href="#">Click for meta-analytic results</a>
School-based sexual education	Apr. 2012	<a href="#">Click for meta-analytic results</a>
Soda taxes: a 1% higher tax on soda than on other food items	Nov. 2015	<a href="#">Click for meta-analytic results</a>
STARS (Start Taking Alcohol Risks Seriously) for Families	Jun. 2016	<a href="#">Click for meta-analytic results</a>
Strong African American Families	Jun. 2016	<a href="#">Click for meta-analytic results</a>
Strong African American Families—Teen	Jun. 2016	<a href="#">Click for meta-analytic results</a>
Teen Outreach Program	Apr. 2012	<a href="#">Click for meta-analytic results</a>
Workplace-wide interventions to prevent obesity	Nov. 2015	<a href="#">Click for meta-analytic results</a>
4Results Mentoring	Jun. 2013	No rigorous evaluation measuring outcome of interest.
Aban Aya Youth Project	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Active Parenting of Teens: Families in Action	Dec. 2014	No rigorous evaluation measuring outcome of interest.
BrainTrain4Kids	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Celebrating Families	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Coping and Support Training	Jun. 2013	No rigorous evaluation measuring outcome of interest.
DARE to be You	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Familias Unidas	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Friday Night Live	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Hip-hop 2 prevent substance abuse and HIV	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Lead and Seed	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Media Detective	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Media Ready	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Mobile phone "apps" for smoking cessation	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Native FACETS	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Not on Tobacco	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Nurturing Fathers	Jun. 2016	No rigorous evaluation measuring outcome of interest.
PALS: Prevention through Alternative Learning Styles	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Project MAGIC	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Project Venture	Jun. 2014	No rigorous evaluation measuring outcome of interest.
Pyramid model	May. 2015	No rigorous evaluation measuring outcome of interest.
Reality Tour	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Red Cliff Wellness School Curriculum	Jun. 2014	No rigorous evaluation measuring outcome of interest.
Refuse, Remove, Reasons (RRR) High School Education Program	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Rock in Prevention, Rock PLUS	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Sembrando Salud	Dec. 2014	No rigorous evaluation measuring outcome of interest.
SMART Leaders	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Stay SMART	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Storytelling for Empowerment	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Strengthening Multi-Ethnic Families and Communities	Jan. 2013	No rigorous evaluation measuring outcome of interest.
TAP-Helping Teens Stop Using Tobacco	Dec. 2014	No rigorous evaluation measuring outcome of interest.

Teens Against Tobacco Use (TATU)	Dec. 2014	No rigorous evaluation measuring outcome of interest.
TEG-Intervening with Teen Tobacco Users	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Tobacco and Alcohol Prevention Program	Dec. 2014	No rigorous evaluation measuring outcome of interest.
Youth and Family Link	Jun. 2016	No rigorous evaluation measuring outcome of interest.

## Workforce Development

Program name	Date of last literature review	Total benefits	Taxpayer benefits	Non-taxpayer benefits	Costs	Benefits minus costs (net present value)	Benefit to cost ratio	Chance benefits will exceed costs
Case management for unemployment insurance claimants	Nov. 2015	\$3,606	\$1,154	\$2,452	(\$182)	\$3,424	\$19.84	69 %
Training with work experience for adult welfare recipients	Nov. 2015	\$6,928	\$3,781	\$3,147	(\$4,158)	\$2,770	\$1.67	78 %
Job search and placement	Nov. 2015	\$2,345	\$1,491	\$854	(\$517)	\$1,829	\$4.54	67 %
Work experience	Nov. 2015	\$3,834	\$2,570	\$1,264	(\$2,053)	\$1,780	\$1.87	81 %
Training with work experience for adults, not targeting welfare recipients	Nov. 2015	\$5,127	\$2,315	\$2,812	(\$4,138)	\$989	\$1.24	54 %
Case management for former welfare recipients	Nov. 2015	(\$934)	\$391	(\$1,325)	(\$2,936)	(\$3,870)	(\$0.32)	19 %
Case management for welfare recipients or low-income individuals	Nov. 2015	(\$965)	\$246	(\$1,211)	(\$2,919)	(\$3,885)	(\$0.33)	17 %
Training, no work experience	Nov. 2015	\$3,636	\$2,308	\$1,328	(\$8,297)	(\$4,661)	\$0.44	38 %
Training with work experience for youth	Nov. 2015	(\$2,494)	\$675	(\$3,169)	(\$7,362)	(\$9,856)	(\$0.34)	32 %

For further information, contact:  
(360) 664-9800, [Institute@wsipp.wa.gov](mailto:Institute@wsipp.wa.gov)

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